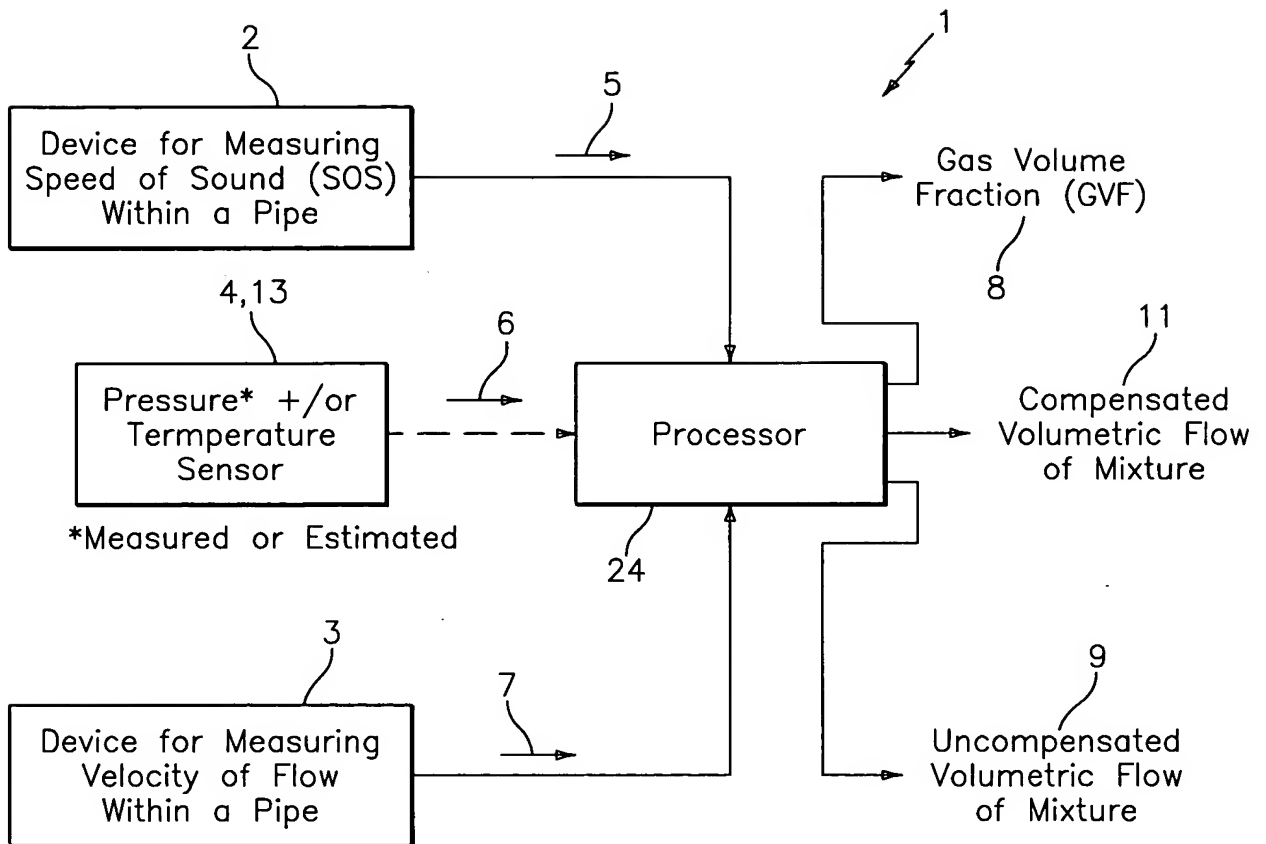


FIG. 1

*FIG. 2*

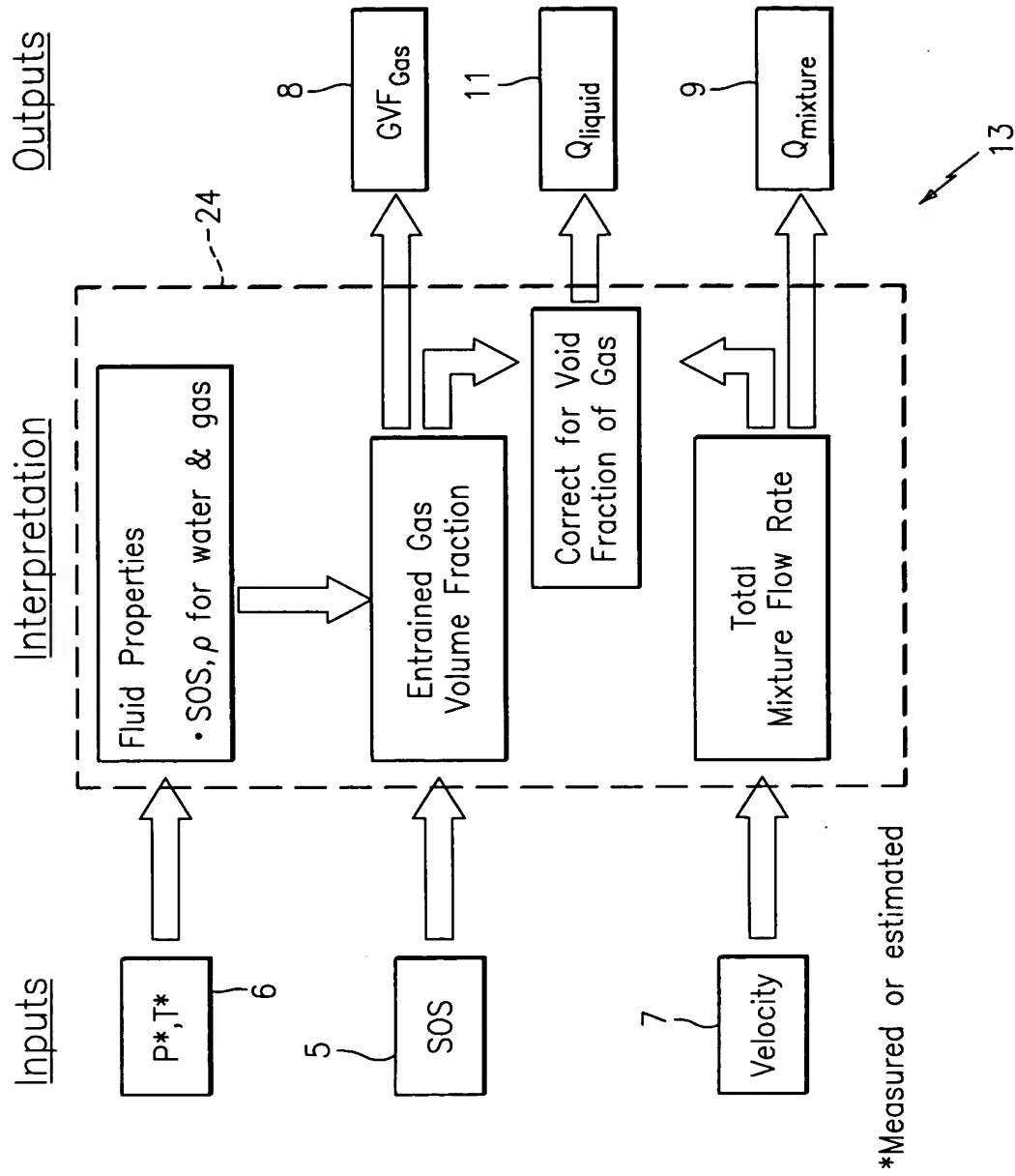


FIG. 3

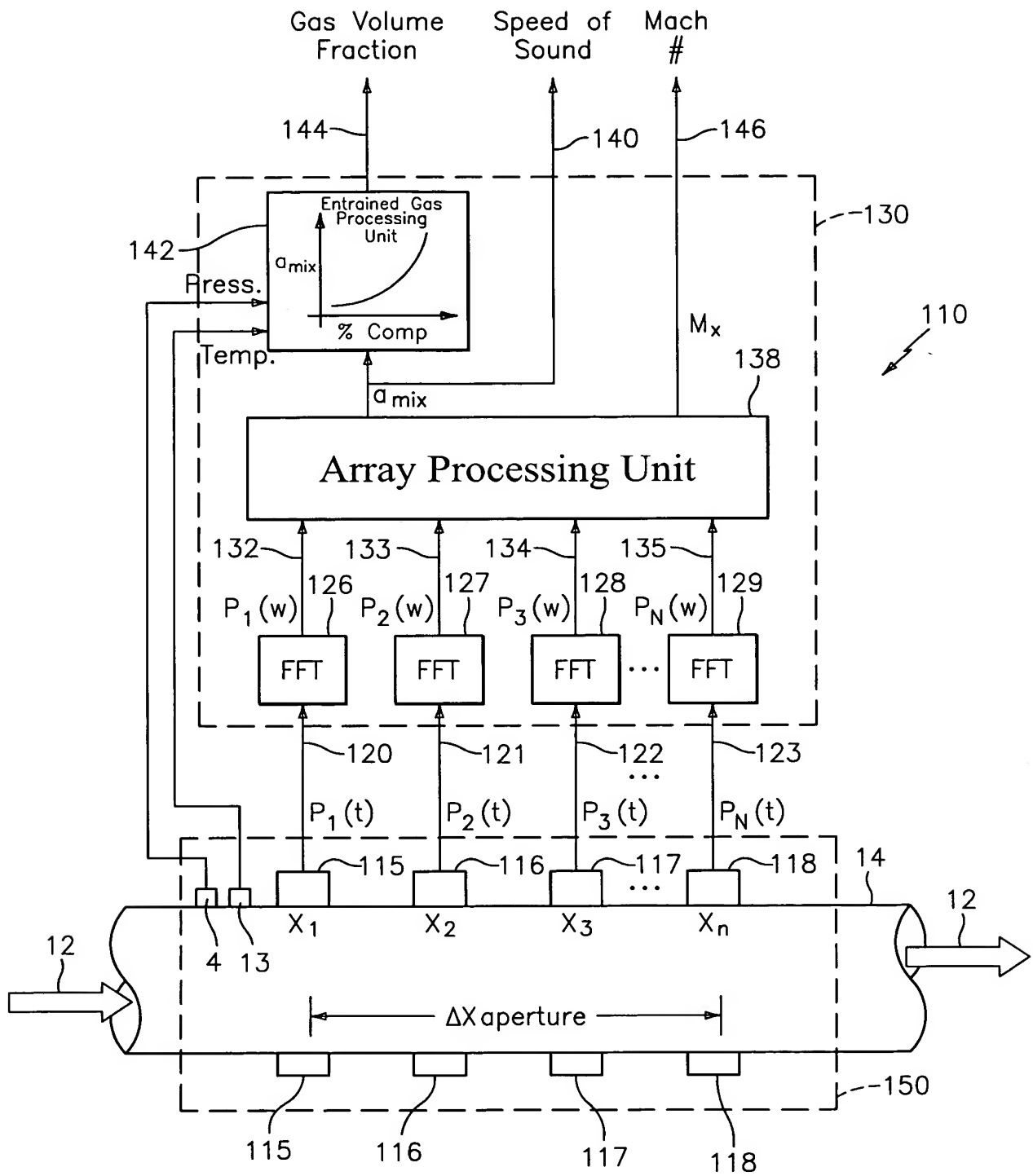
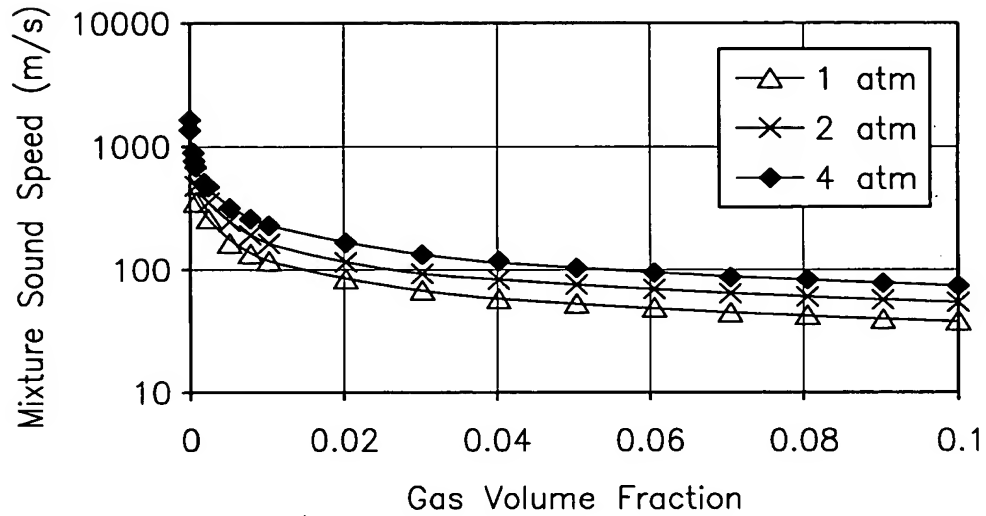
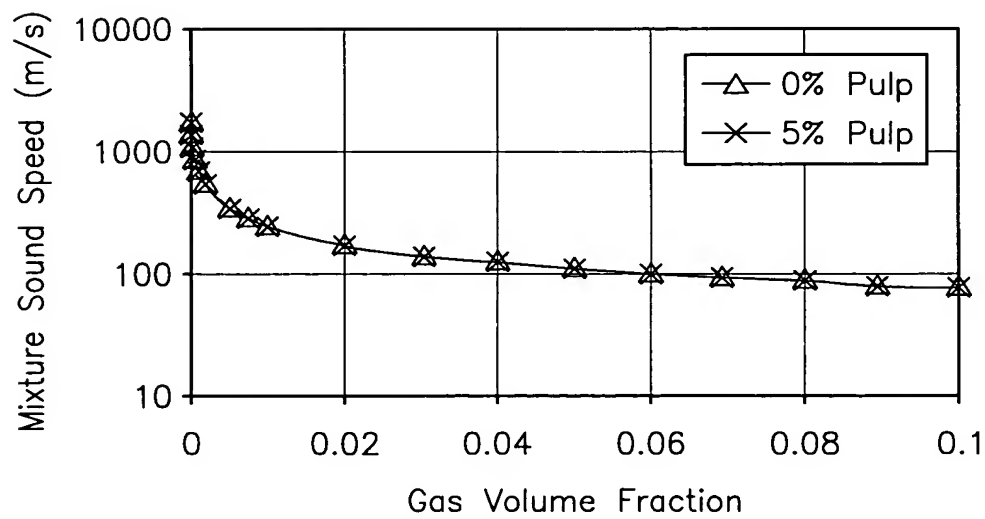
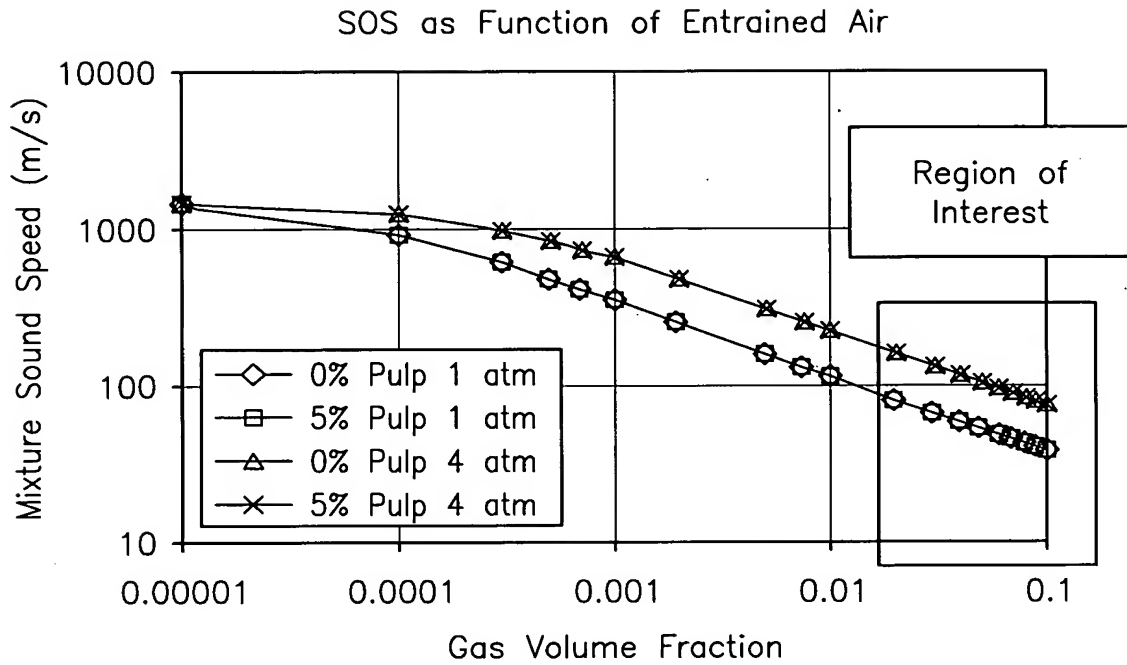
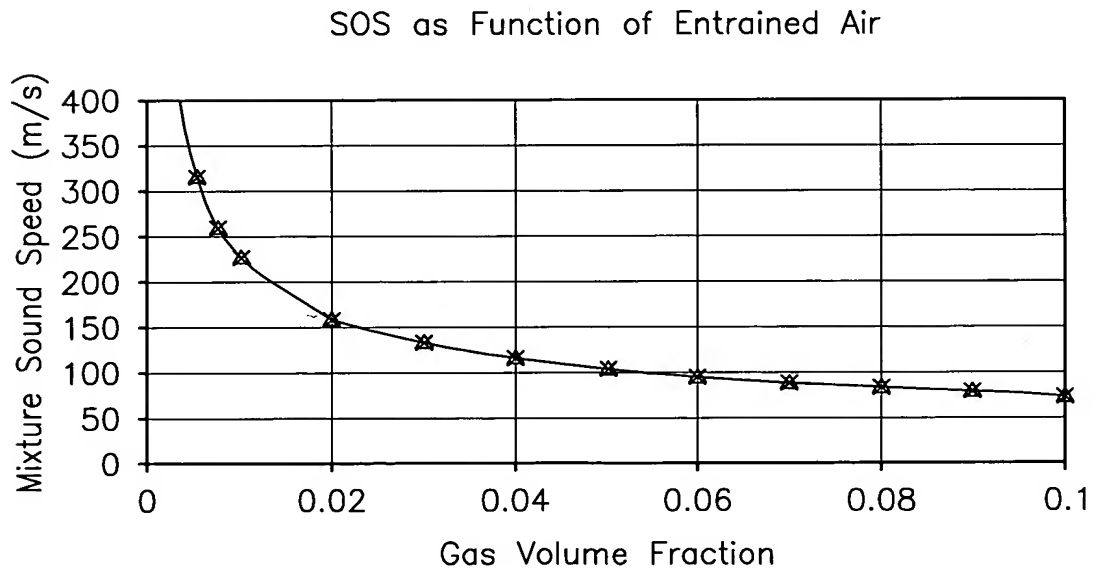


FIG. 4

SOS as Function of Entrained Air
(5% consistency)*FIG. 5*SOS as Function of Entrained Air
($p=4$ atm)*FIG. 6*

*FIG. 7**FIG. 8*

K- ω plot showing Acoustic Ridges
(in water with entrained air)

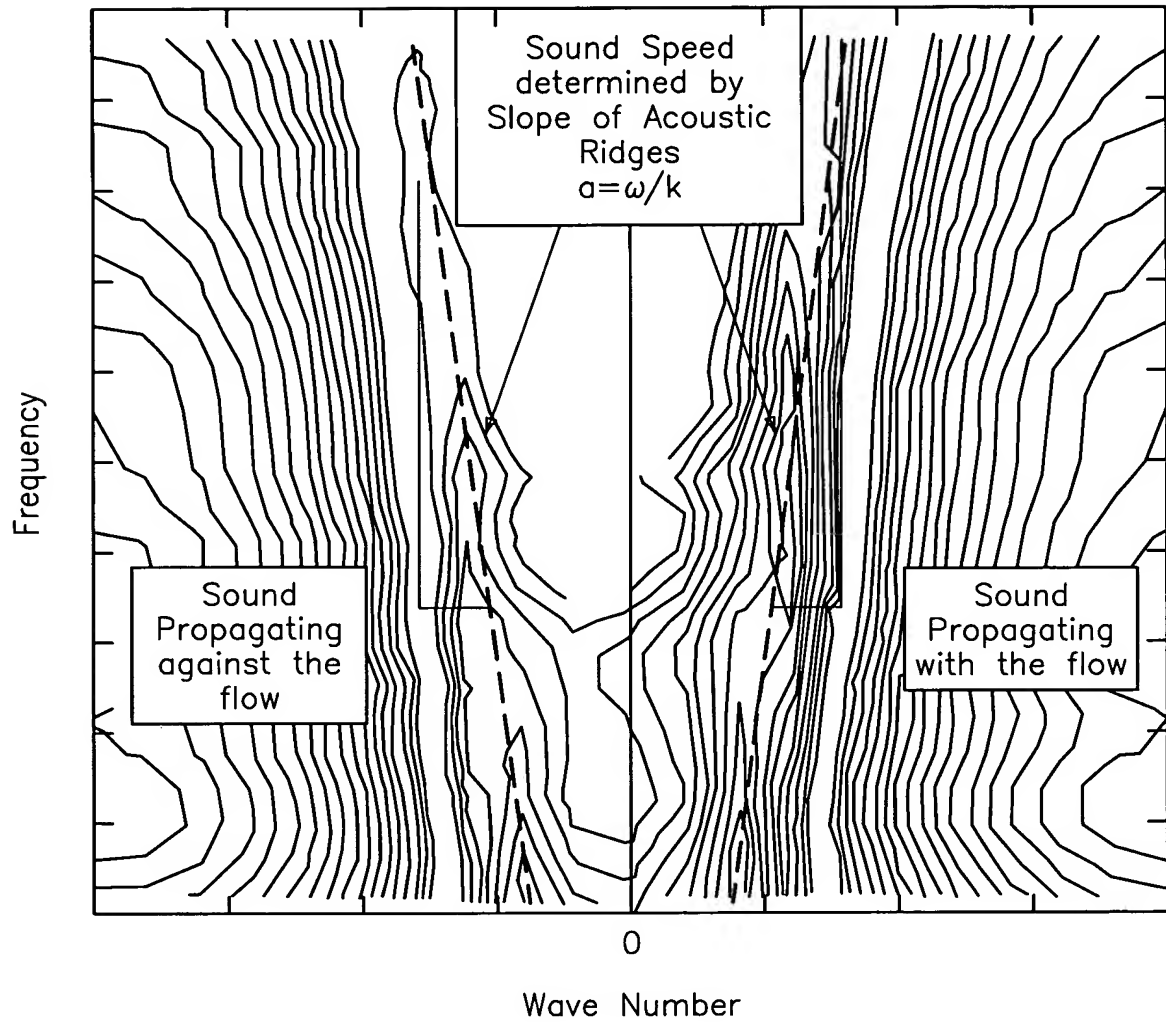


FIG. 9

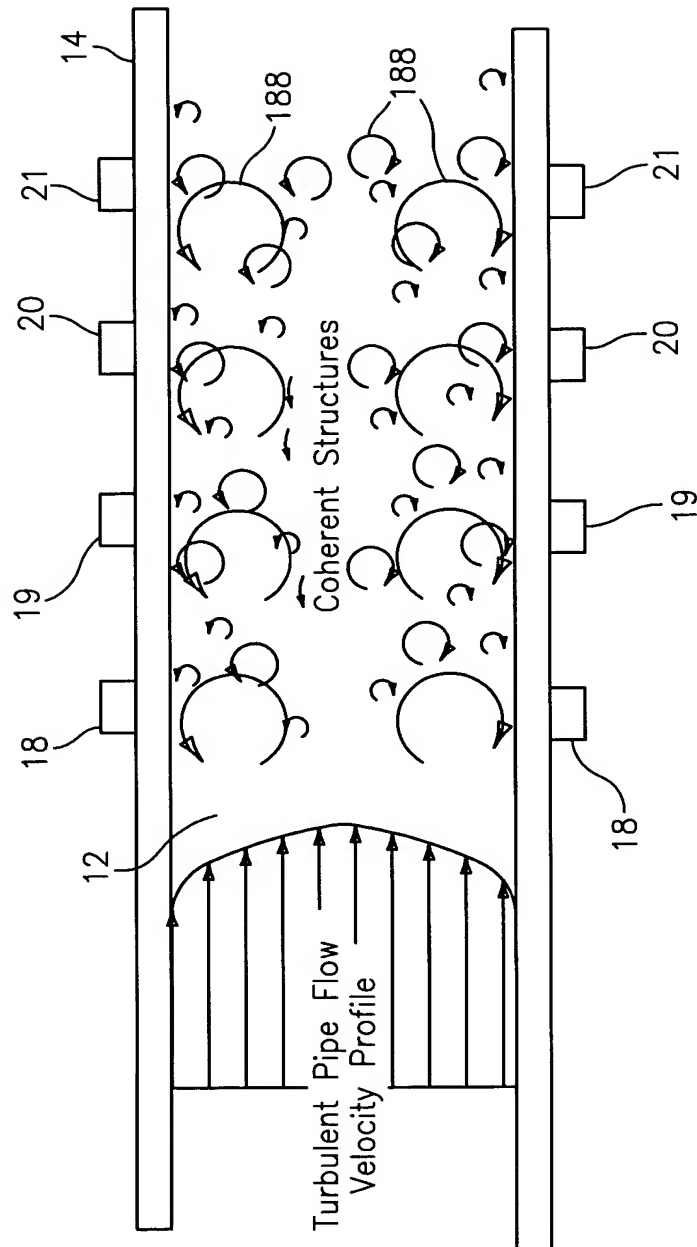


FIG. 10

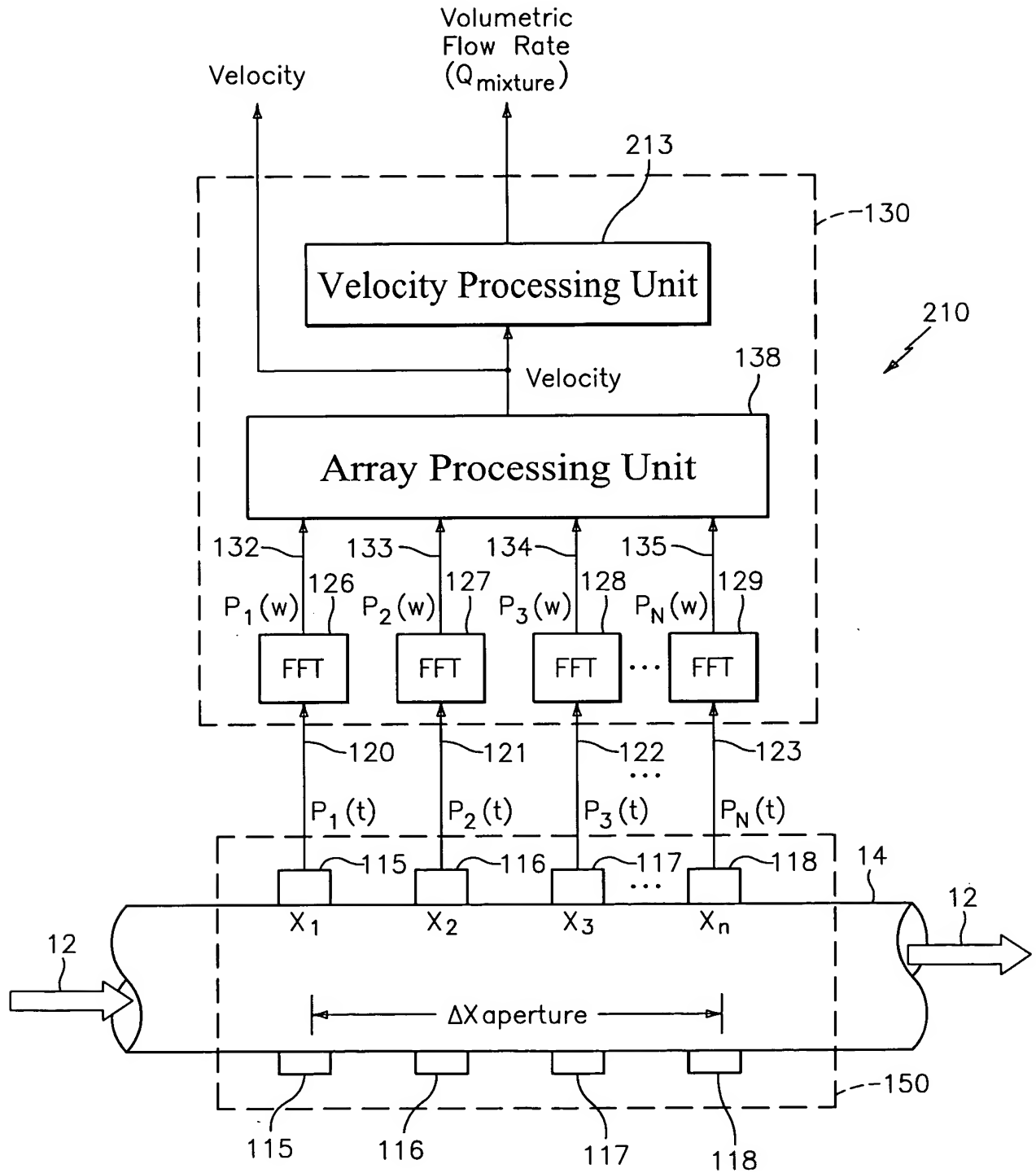


FIG. 11

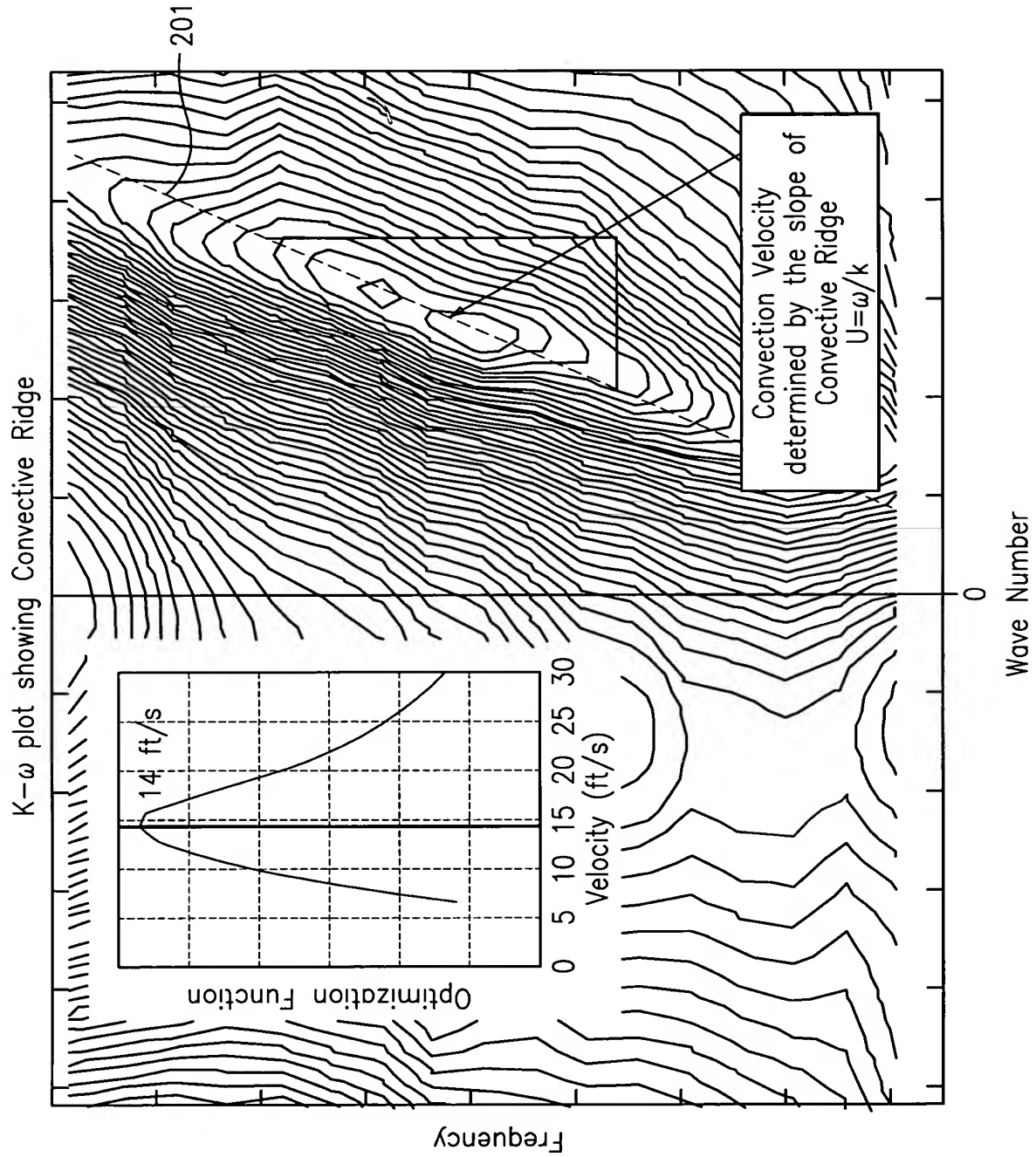


FIG. 12

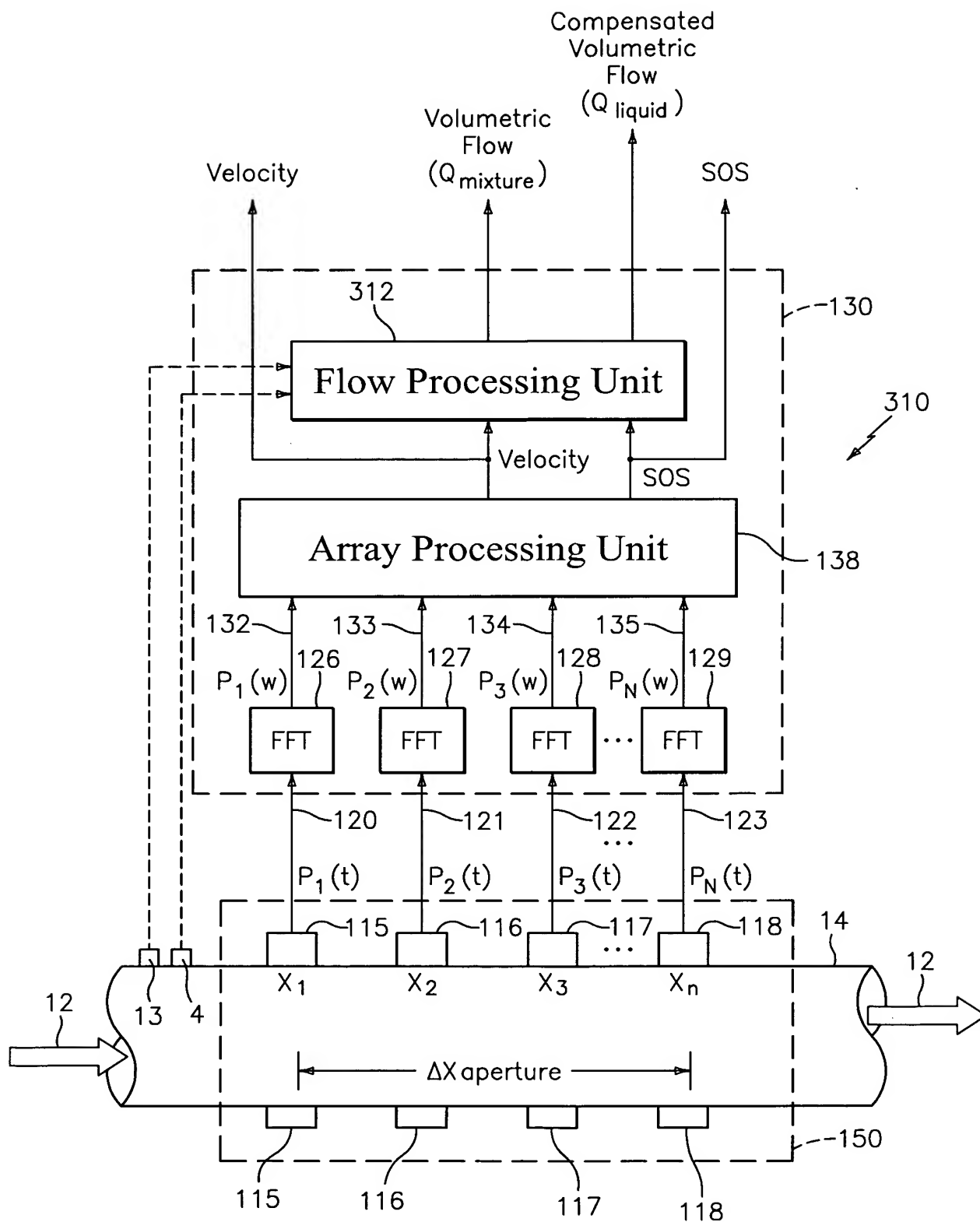


FIG. 13

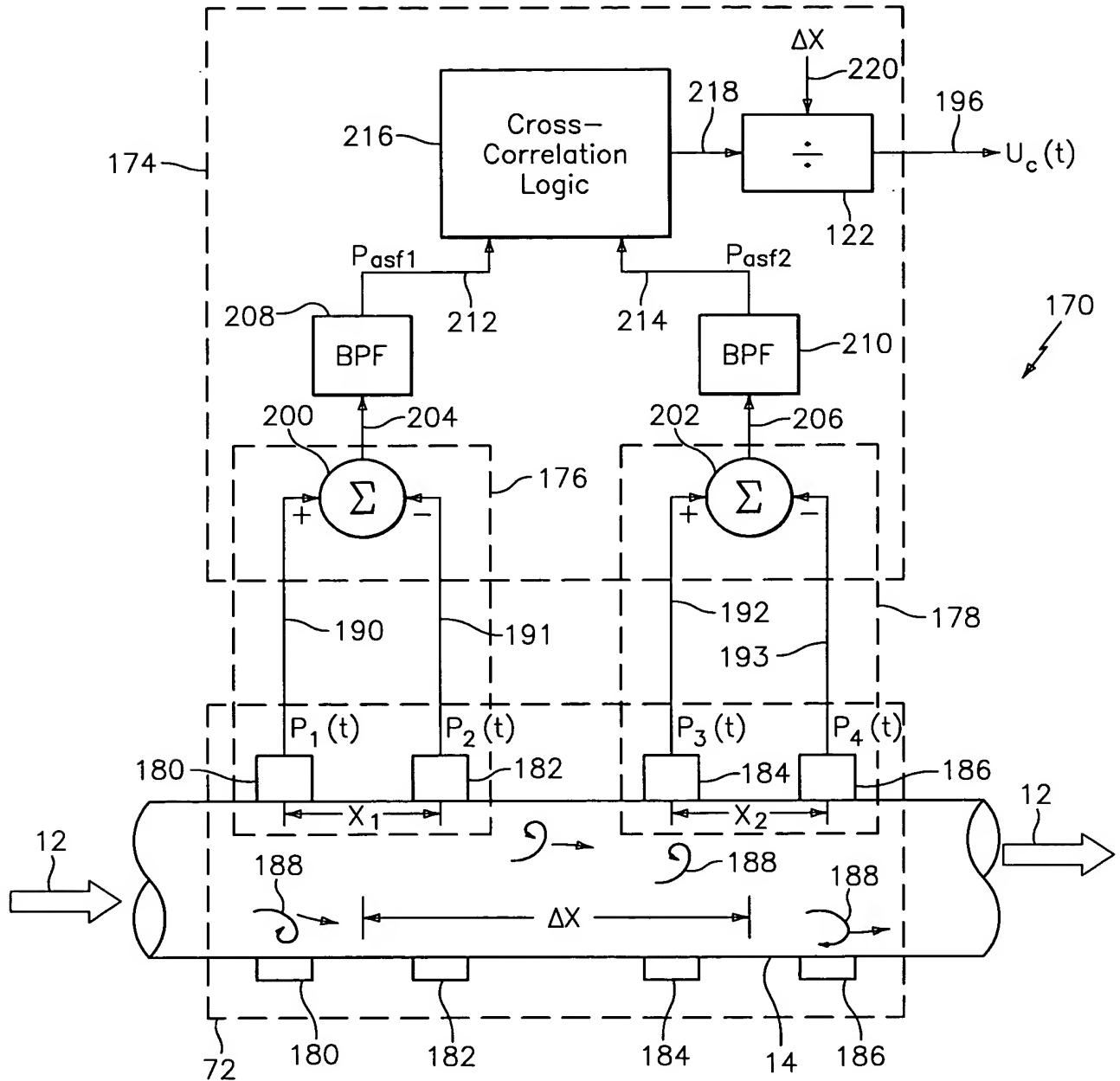


FIG. 14

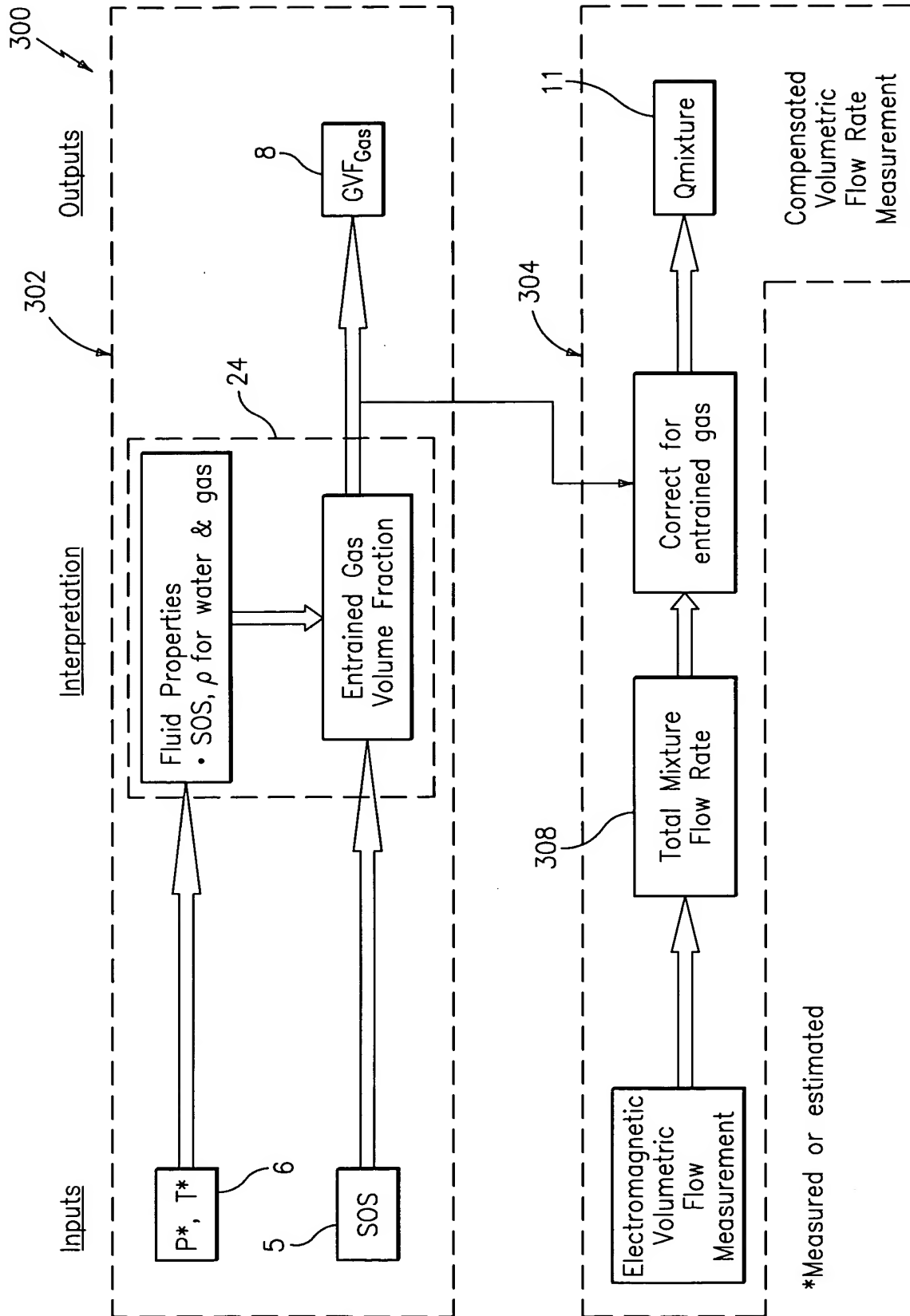
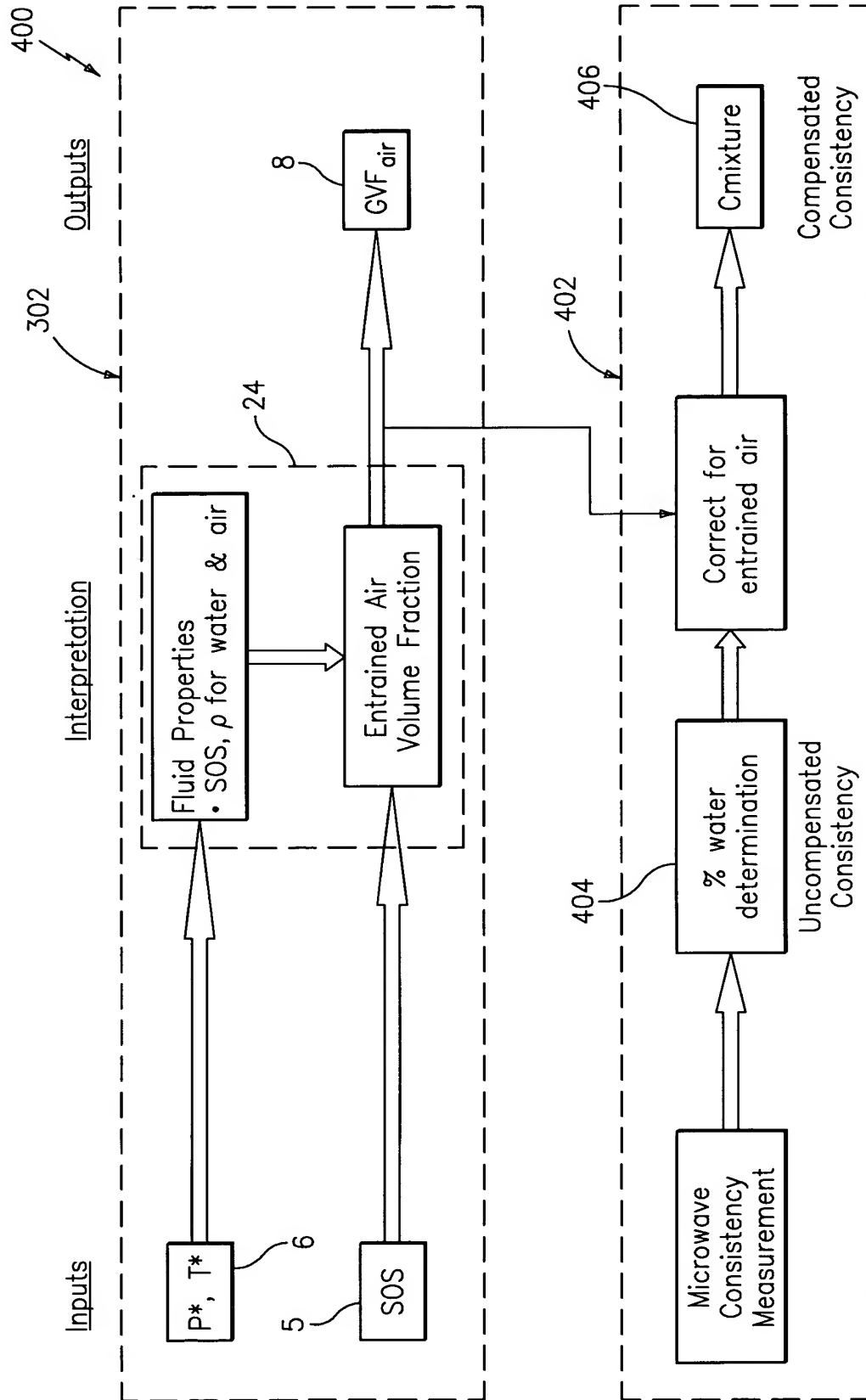


FIG. 15



*Measured or estimated

FIG. 16

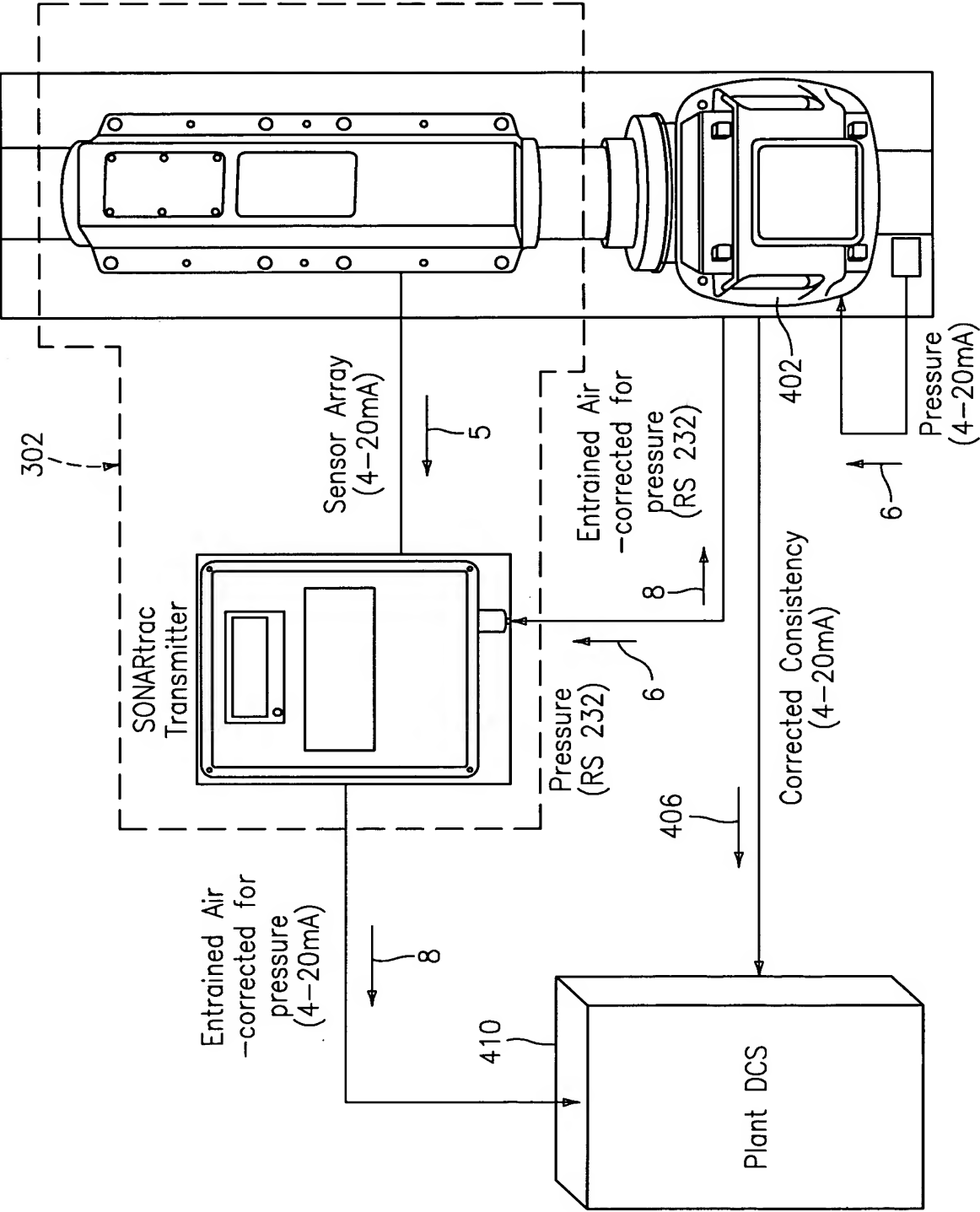


FIG. 17

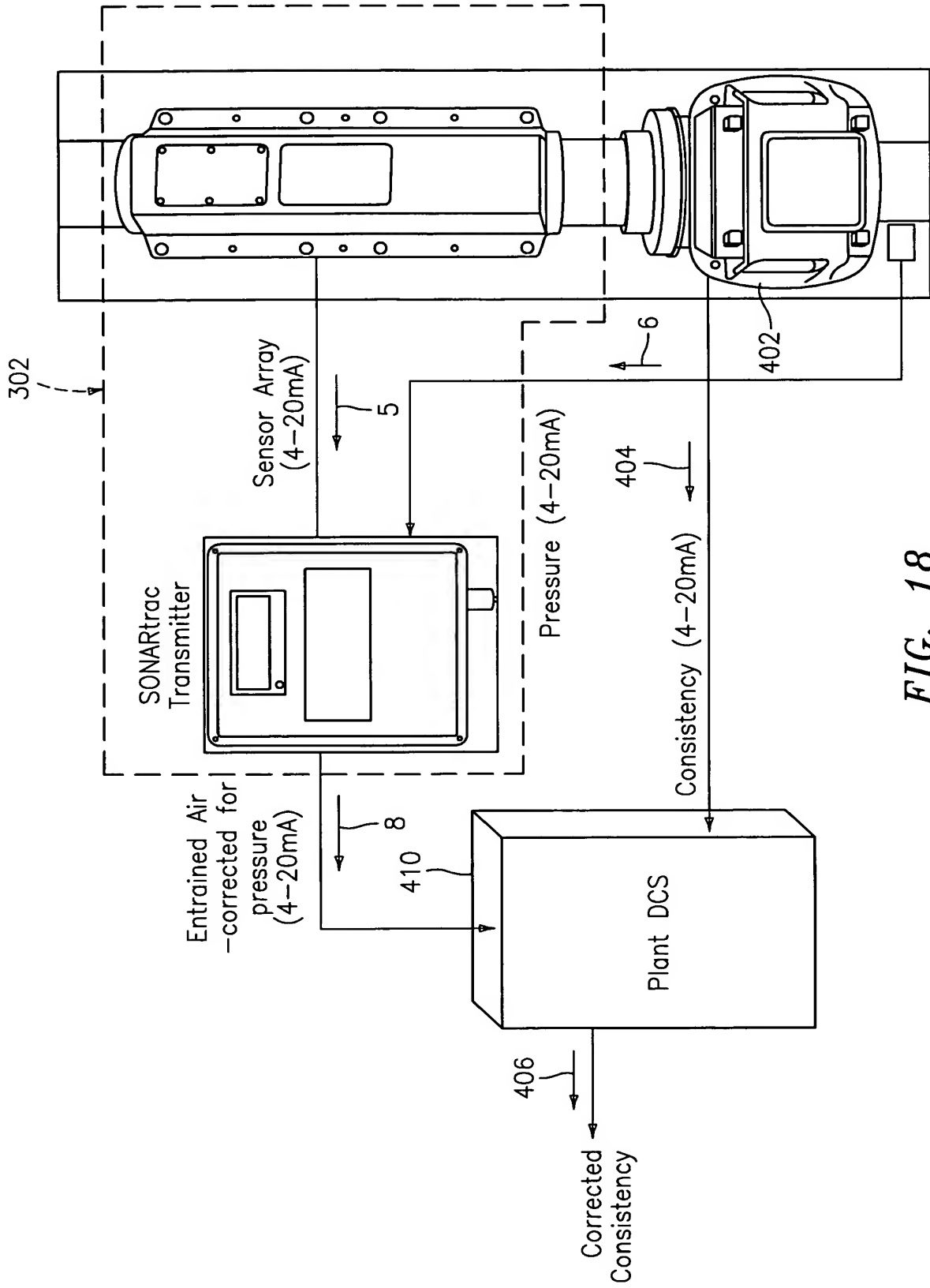


FIG. 18

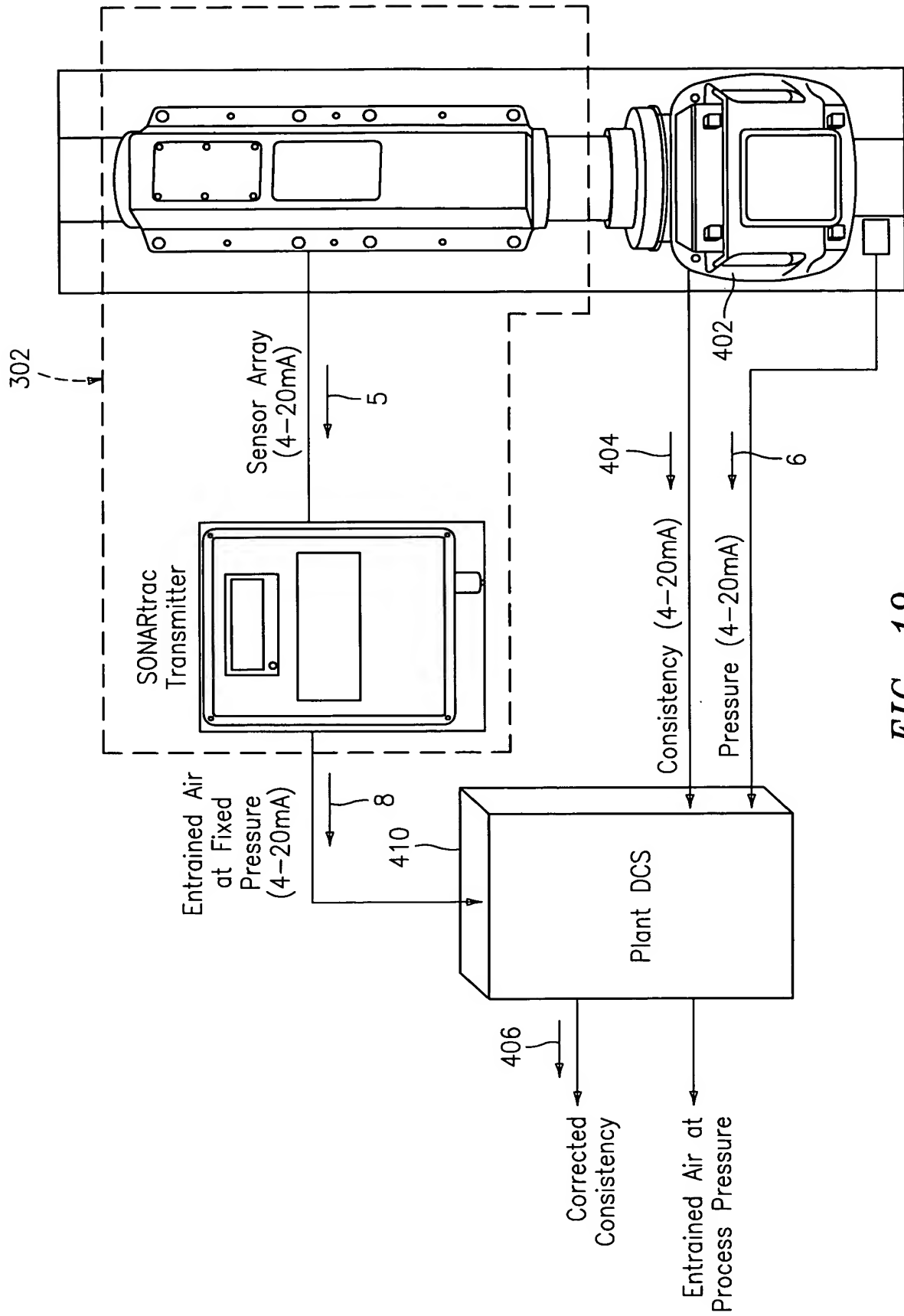


FIG. 19

Microwave Consistency Corrected by SONARtrac Entrained Air Measurement

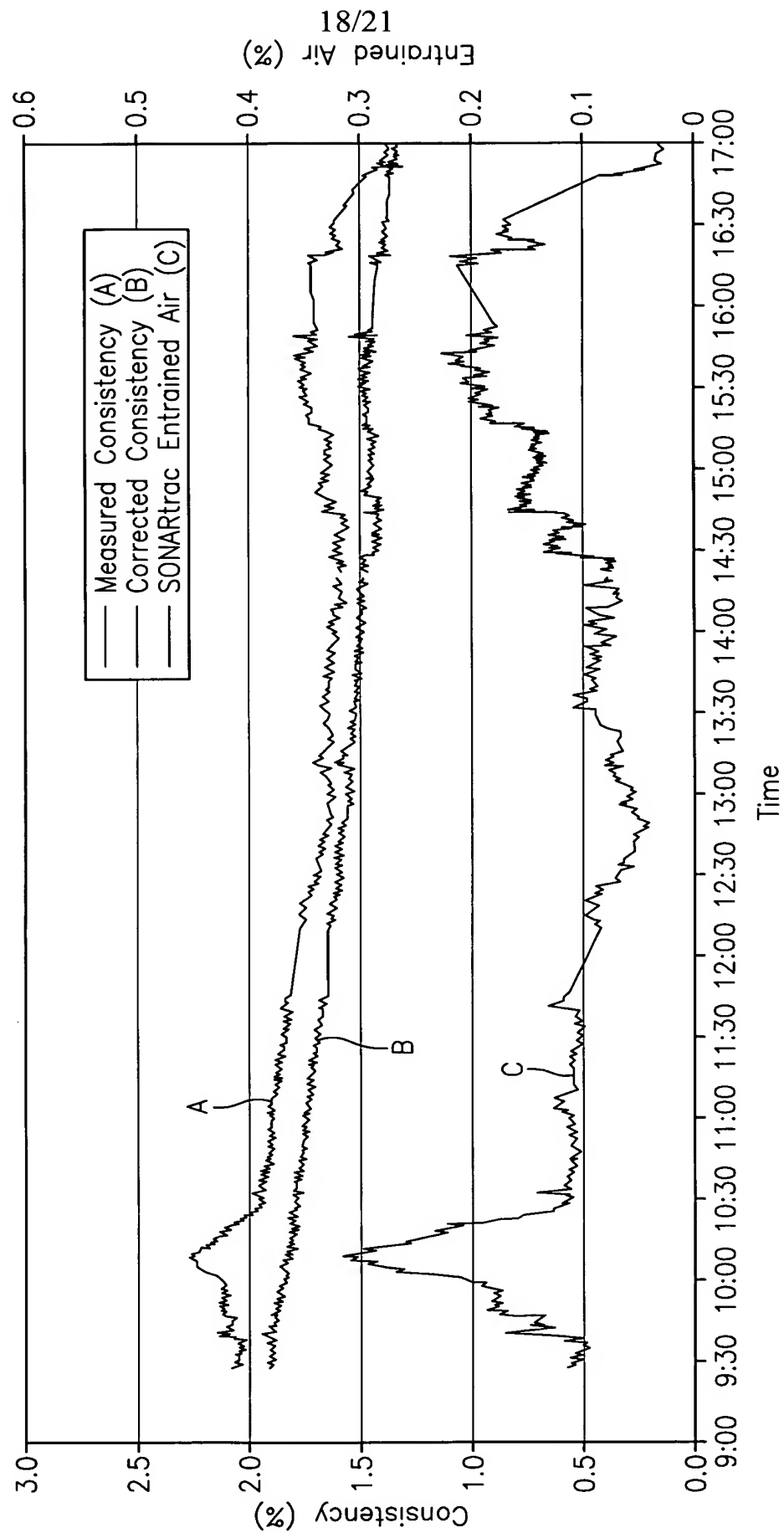
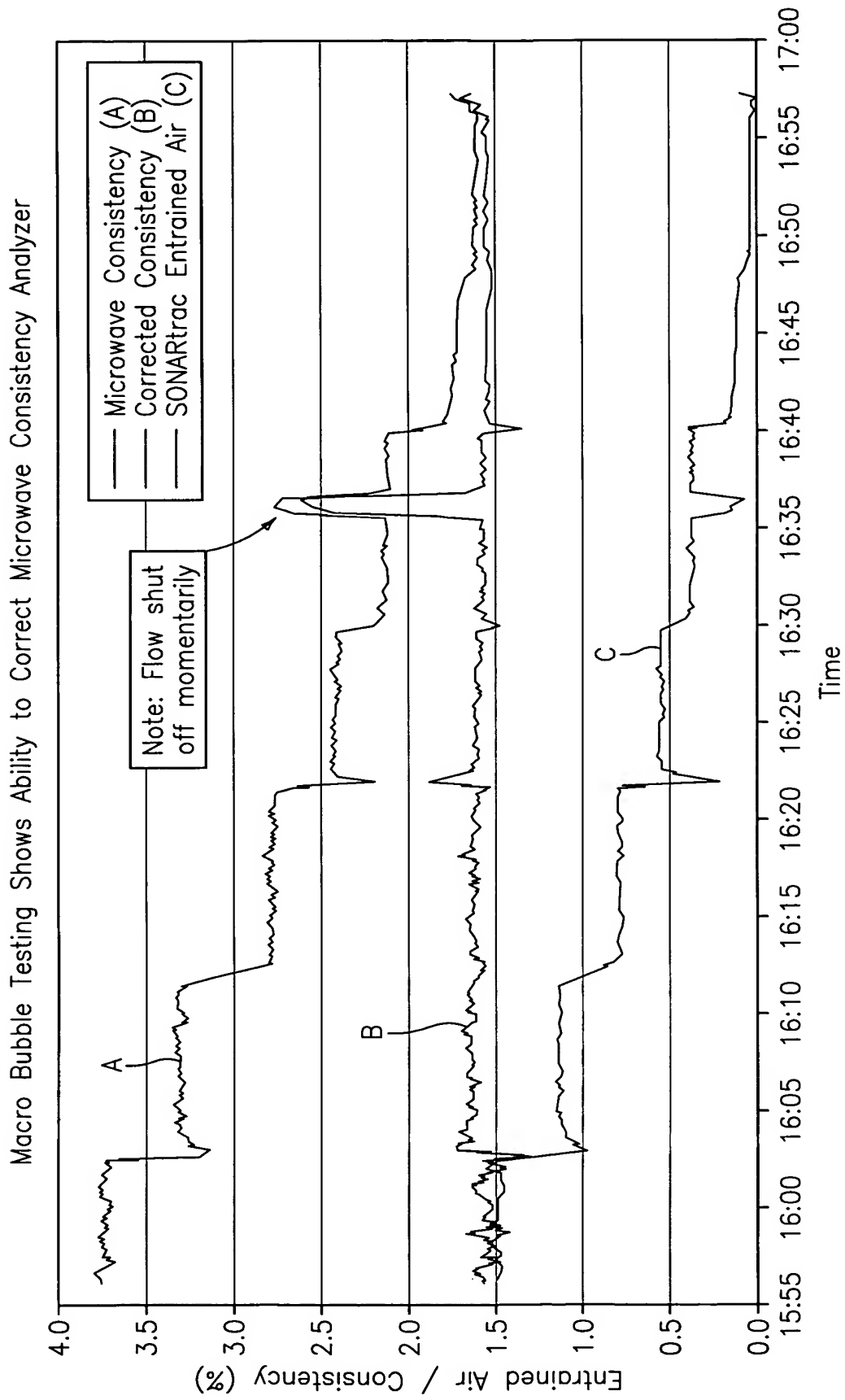


FIG. 20

*FIG. 21*

Microwave Consistency Corrected by SONARtrac Entrained Air Measurement
 "Micro" Air Flow Test

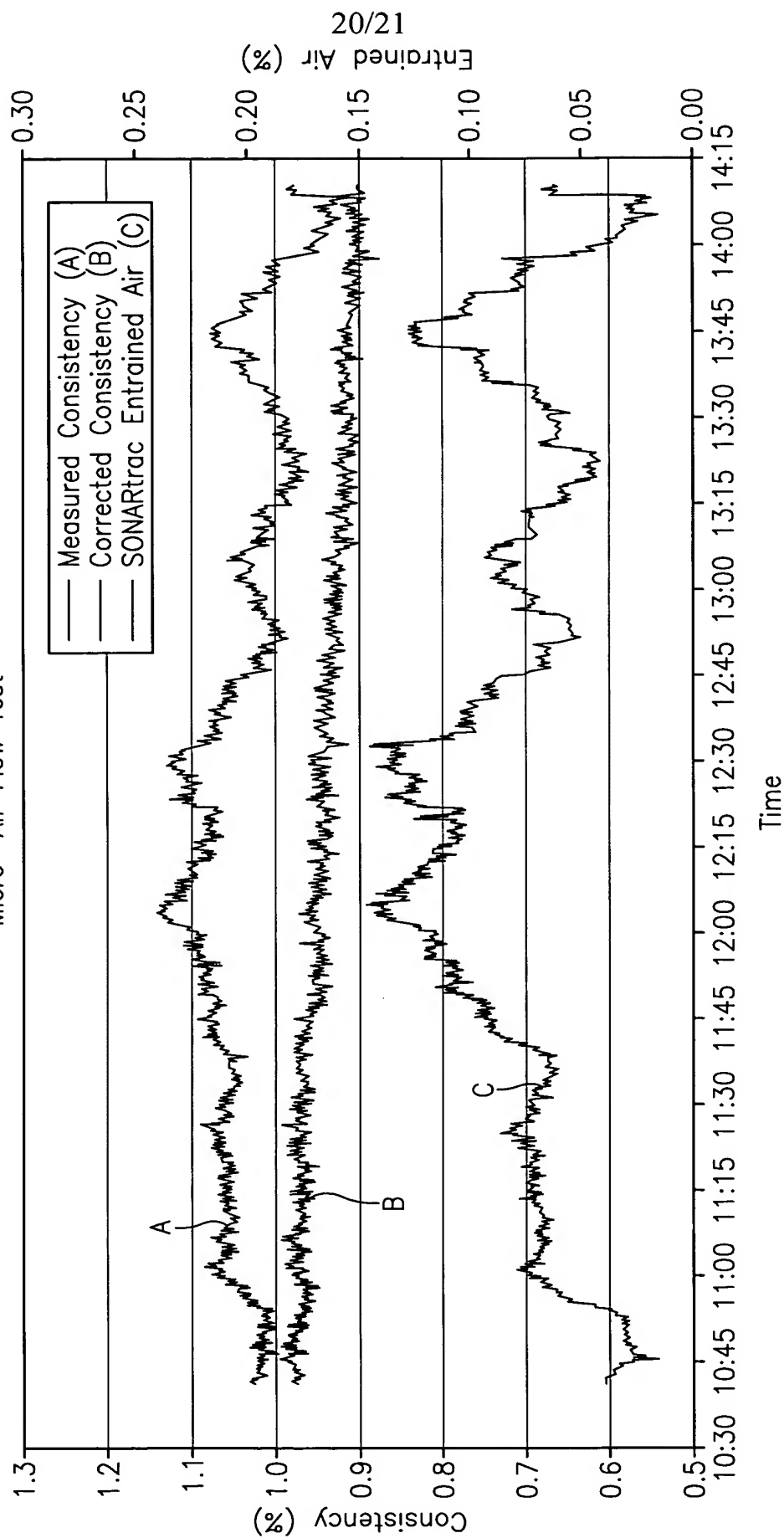


FIG. 22

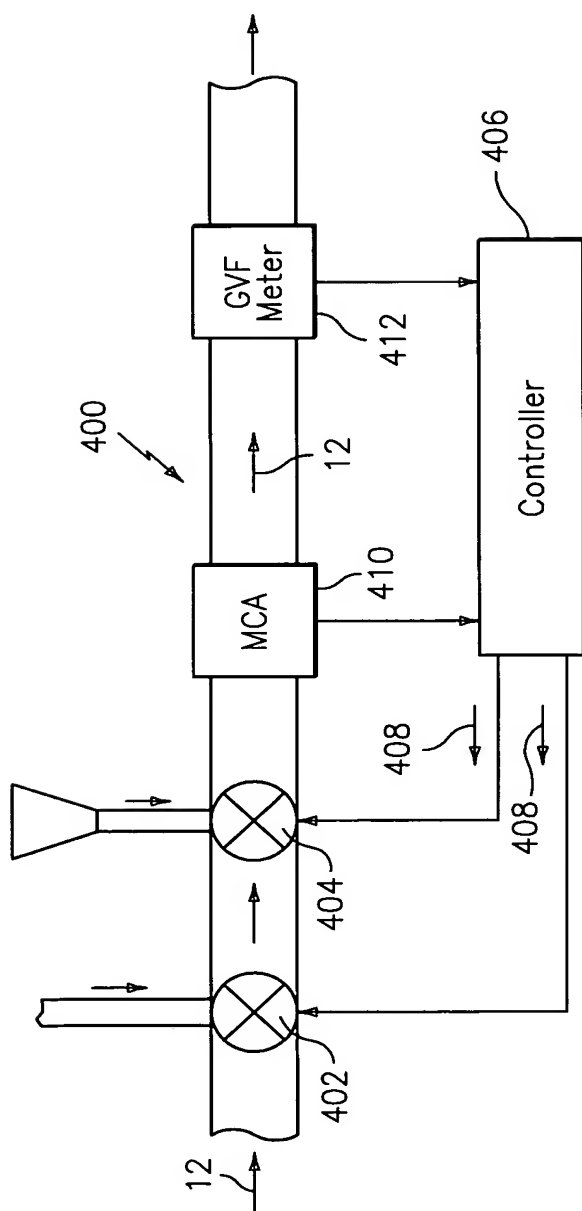


FIG. 23

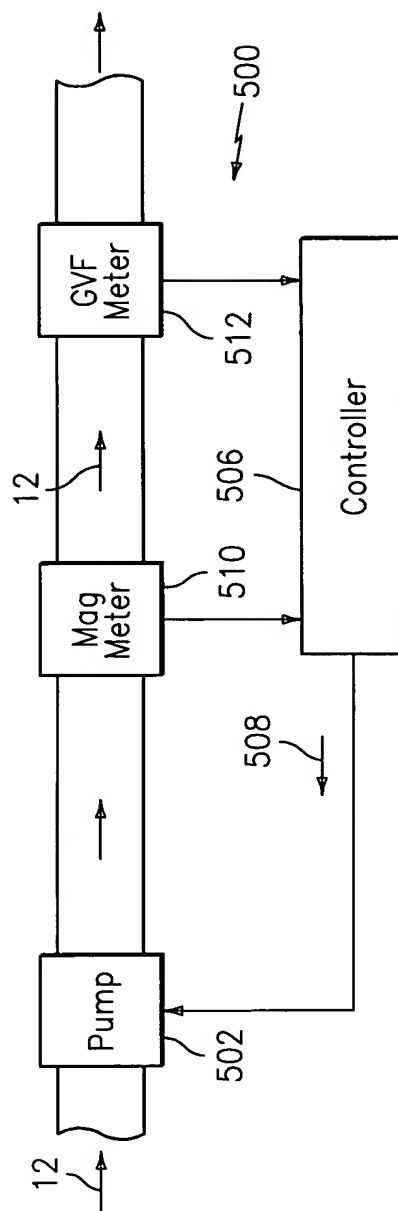


FIG. 24